ABSTRACT OF THE DISCLOSURE

The present invention to provide correctly ordered test code in order to effectively test software designs. There are software diagramming tools on the market today that capture software designs in a standard meta-language (UML).

5 This software provides sequence diagrams that relate to the software component being analyzed. The UML sequence diagrams expose enough semantic content to allow the generation of test code correctly ordered. Since all of the objects are modeled consistently, the data requirements of the software component can also be determined. As a result, the generated test code is correctly ordered, thereby

10 providing a more accurate, useful and real-world testing environment of the software component.

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